

Projects and Personnel Representing UK STEM Education Initiatives - March 2009

UNDERGRADUATE EDUCATION/ APPALACHIAN CENTER

Project Personnel		Project Title	Funding Agency	Project Goals and STEM Needs Addressed		
Yopp, John, PI	AMSP	An Innovative Approach to Promoting Success for At-Risk Students: The Partnership Enhancement Program	AT&T Foundation	Support for year-long collaborations of K-12 school districts and postsecondary faculty to address locally identified STEM education challenges.	\$34,995	09/01/08-03/31/10
Scheff, Suzanne, PI	Undergraduate Education	Kentucky Girls STEM Collaborative Project	Puget Sound Center For Teaching Learning and Technology		\$18,000	07/01/08-06/30/11
Higgins-Hord, Lisa, Co-I	University Engagement					
Hanley, Carol, Co-I	Tracy Farmer Center for Environment					
Swauger, Janice, Co-I	Development					
Burks, Jann, Co-I	4H Central Operations					
Tannenbaum, Robert, PI	Undergraduate Education	Recruiting, Retaining, and Graduating University of Kentucky Appalachian and Minority Science, Technology, Engineering, and Mathematics Majors (UK AMSTEMM)	National Science Foundation (DUE-0431552)	Increase the number of STEM majors enrolled at the University of Kentucky who are minorities or from Appalachian counties	\$1,998,906	01/1/05-12/31/09
Eberhart, Carl, Co-I	Mathematics					
Osborn, Jeffrey, Co-I	Biology					
Scheff, Sue, Co-I	Undergraduate Education					
Zeidler-Watters, Kimberly, PI	Partnership Institute	ARSI- Math/Science PD Project	KY Science & Technology Co. (KSTC123-351-08-01)		\$46,000	08/01/08-05/31/09
Zeidler-Watters, Kimberly, PI	Partnership Institute	Math and Science Leadership Network	KY Department of Education (PO2 540 0800019256 1)		\$180,000	09/01/08-06/30/10

Zeidler-Watters, Kimberly, PI	Partnership Institute	Developing Algebraic Thinking	KY Department of Education (PO2 540 0800017794 1)	Addresses improving elementary teachers' proficiencies in algebraic ideas content and pedagogy.	\$200,000	07/01/08-09/30/09
Zeidler-Watters, Kimberly, PI	Partnership Institute	Partnering to Progress	KY Department of Education (PO2 540 0800017790 1)	Addresses improving elementary teachers' proficiencies in physical science content and pedagogy.	\$200,000	07/01/08-09/30/09
Zeidler-Watters, Kimberly, PI	Partnership Institute	Putting All Students on Track: A Partnership to Ensure Success in College Level Mathematics	KY Council on Postsecondary Education (PO2 415 0700012834 2)	Develop and field test strategies to help all students achieve success in high school mathematics as measured by the ACT.	\$140,000	01/01/08-06/30/09
Zeidler-Watters, Kimberly, PI	Partnership Institute	RSI: Leadership for Science and Mathematics Program Improvement through Master Teachers	National Science Foundation (ESR-0123112)	Provide content-oriented professional development and pedagogical training to teachers in RSI schools and develop sustainable leadership for central Appalachia.	\$1,205,450	9/1/01-8/31/08
Zeidler-Watters, Kimberly, PI	Partnership Institute	2007-2008 Math and Science Leadership Support Networks: UK Leadership Network	KY Department of Education (PO2 540 0700001638 1)	Develop the expertise of school district personnel charged with providing leadership and support for math and science program improvement.	\$131,456	02/18/08-6/30/08
Zeidler-Watters, Kimberly, PI	Partnership Institute	Making Nonlinear Algebra Accessible	KY Council on Postsecondary Education (PO 415 060000 4747 1)	Conduct an intensive summer institute for 30 special education teachers of Algebra II	\$150,000	1/1/07-6/30/08
Zeidler-Watters, Kimberly, PI	Partnership Institute	FY06 UK Math/Science Network	KY Department of Education (M-06189162)		\$40,000	05/15/06-06/30/06
Zeidler-Watters, Kimberly, PI	Partnership Institute	FY07-UK Math/Science Leadership Support Network	KY Department of Education (M-06189228)	Develop the expertise of school district personnel charged with providing leadership and support for math and science program improvement.	\$175,000	7/1/06-6/30/08
Zeidler-Watters, Kimberly, PI	Partnership Institute	2007-08 KDE Mathematics and Science Partnership: Partnering to Progress	KY Department of Education (PO2 540 0700009864 1)	Improve teacher proficiency in physical science content and pedagogy in all elementary schools in Fleming and Lewis Counties	\$200,000	7/16/07-9/30/08
Yopp, John, Co-I	AMSP					
Zeidler-Watters, Kimberly, PI	Partnership Institute	2007-08 KDE Mathematics and Science Partnership: Developing Algebraic Thinking	KY Department of Education (PO2 540 0700009863 1)	Improve teacher proficiency in mathematics content and pedagogy in all elementary schools in Lee and Carter Counties	\$200,000	7/16/07-9/30/08
Swan, Gerry	Curriculum and Instruction					

Zeidler-Watters, Kimberly, PI	Partnership Institute	University of Kentucky Science Alliance	KY Department of Education (M-06070870)		\$190,000	07/01/06-09/30/08
Zeidler-Watters, Kimberly, PI	Partnership Institute	Making Geometry Accessible	KY Council on Postsecondary Education (M-06047007)	Improve special education teachers' proficiency in the areas of content and the research contained in the Van Hiele Model of Thinking in Geometry Among Adolescents through an intensive summer institute.	\$143,000	03/01/06-06/30/07
Zeidler-Watters, Kimberly, PI	Partnership Institute	University of Kentucky Science Alliance	KY Department of Education (M-05415538)		\$190,000	12/01/05-09/30/07
Zeidler-Watters, Kimberly, PI	Partnership Institute	Elementary Math Teacher Academy	KY Department of Education (M-05131251)		\$180,000	06/01/05-06/30/06
Zeidler-Watters, Kimberly, PI	Partnership Institute	Making Sense of Modern Genetics/Exploring Energy Transformation/Making Sense of Fractions	KY Department of Education (M-05109098)	Regional teacher academy	\$240,000	04/01/05-06/30/06
Zeidler-Watters, Kimberly, PI	Partnership Institute	Making Algebra Accessible	KY Council on Postsecondary Education (M-05033258)		\$275,000	03/01/05-06/30/06
Zeidler-Watters, Kimberly, PI	Partnership Institute	KDE Summer Academy Follow-up Workshop for "Reproduction and Heredity"	KY Department of Education (M-04516608)		\$275,000	09/01/04-06/30/05
Zeidler-Watters, Kimberly, PI	Partnership Institute	KDE Summer Academy Follow-up Workshop for "Making Sense of Numbers"	KY Department of Education (M-04516587)	Summer Academy for special education teachers responsible either for providing mathematics instruction to their students or who assist "regular" classroom teachers.	\$9,936	09/01/04-06/30/05
Zeidler-Watters, Kimberly, PI	Partnership Institute	KDE Summer Academy Follow-up Workshop for "Life Science: Characteristics of Organisms."	KY Department of Education (M-04516552)		\$9,936	09/01/04-06/30/05
Zeidler-Watters, Kimberly, PI	Partnership Institute	Making Sense of Numbers & Measurements.	KY Department of Education (M-04145054)		\$49,856	05/01/04-06/30/04
Zeidler-Watters, Kimberly, PI	Partnership Institute	Life Science (Examining Mammals) for Kentucky Educations	KY Department of Education (M-04144919)		\$49,856	04/14/04-06/30/04
Zeidler-Watters, Kimberly, PI	Partnership Institute	Inquiry & Formative Assessment as Methods to Improve	KY Council on Postsecondary Education (IEQ)		\$265,500	04/01/04-08/30/05